CLAIMS

1. A preparation for restoring bone in the body of humans or animals in connection with an existing structure, a bone implant or some other prosthetic construction, the preparation being intended to be applied in the position in connection with, for instance, a bone implant or some other prosthetic construction where there is a lack of sufficient bone volume, or where the quality of the bone is too poor, or to allow a load-carrying function, said preparation being an easily handleable, controllable and decomposable carrier preparation of calcium phosphate granules or a biological organic component of a biopolymer and/or lipid type c h a r a c t e r i s e d in that the preparation at its application has a mouldable consistency by admixed water or some other water-based liquid, such as body fluid.

2. A preparation as claimed in claim 1, c h a r a c t e r i s e d in that the lipid consists of a mixture of esterified glycerol and phospholipid.

3. A preparation as claimed in claim 2, c h a r a c t e r i s e d in that the esterified glycerol consists of di- and triglyceride.

4. A preparation as claimed in claim 2, c h a r a c t e r i s e d in that the esterified glycerol is a diester.

5. A preparation as claimed in claim 2, c h a r a c t e r i s e d in that the esterified glycerol is a triester.

6. A preparation as claimed in claim 1, c h a r a c t e r i s e d in that the lipid consists of a mixture of phospholipids.

7. A preparation as claimed in claim 6, c h a r a c t e r i s e d in that the phospholipid is a sphingomyelin.

8. A preparation as claimed in claim 6, characterised in that the phospholipid is a phosphatidyl choline.

9. A preparation as claimed in claim 1, characterised in that the lipid is prepared from a vegetable oil or egg yolk.

10. A preparation as claimed in any one of the preceding claims, characterised in that the lipid consists of at least one phospholipid and water or some other water-based liquid as carrier.

11. A preparation as claimed in claim 10, characterised in that the lipid is in a lamellar floating crystalline phase.

12. A preparation as claimed in claim 10, characterised in that the weight ratio between lipid and water or some other water-based liquid is in the order of 1:2 to 10:1, preferably 3:2 to 4:1.

13. A preparation as claimed in claim 1, characterised in that the biopolymer contains a glycoseaminoglycan, for example hyaluronic acid.

14. A preparation as claimed in claim 13, characterised in that it consists of a free-flowing mixture of sodium hyaluronic acid and calcium phosphate granules which can be packed and then rehydrated in connection with use.

15. A preparation as claimed in claim 1, characterised in that the calcium phosphate granules have a Ca/P ratio which is between 1 and 2.

16. A preparation as claimed in claim 15, characterised in that the calcium phosphate contains hydroxyapatite of the form $Ca_{10}(PO_4)_6(OH)_2$.

17. A preparation as claimed in claim 15, characterised in that the calcium phosphate contains dicalcium phosphate dihydrate, octacalcium phosphate, tricalcium phosphate and/or hydroxyapatite.

18. A preparation as claimed in claim 15, c h a r a c t e r i s e d in that the calcium phosphate contains magnesium, fluorine or carbonate ions.

19. A preparation as claimed in claim 15, c h a r a c t e r i s e d in that the calcium phosphate granules have a diameter in the order of 0.05 mm to 5 mm.

20. A preparation as claimed in claim 15, c h a r a c t e r i s e d in that the calcium phosphate granules have a porosity of 0-80%.

21. A preparation as claimed in any one of the preceding claims, c h a r a c t e r i s e d in that the weight ratio between the calcium phosphate granules and the lipid is in the order of 70:15 to 60:40.

22. A preparation as claimed in any one of the preceding claims, c h a r a c t e r i s e d in that it contains tissue-promoting factors and/or factors which inhibit decomposition of tissue, for example a growth factor, such as BMP and TGF beta or parts thereof.

23. A preparation as claimed in claims 1, 14 and 22, c h a r a c t e r i s e d in that the tissue-promoting factor is added wholly or partially.

add A17 + add B7